

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

L Number	Hits	Search Text	DB	Time stamp
-	1	6567911.pn.	USPAT; US-PGPUB; IBM_TDB	2004/07/20 08:16
-	5	(5,430,845 5,680,556 5,905,888 5,951,684 5,951,685).pn.	USPAT; US-PGPUB; IBM_TDB	2004/07/19 11:54
-	5	(5,671,413 5,835,760 5,836,013 5,841,953 5,901,310).pn.	USPAT; US-PGPUB; IBM_TDB	2004/07/19 11:57
-	5	(6,003,103 6,009,520 6,061,745 6,145,078 6,173,381).pn.	USPAT; US-PGPUB; IBM_TDB	2004/07/19 11:59
-	5	(6,182,213 6,216,225 6,282,644 6,282,647 6,298,422).pn.	USPAT; US-PGPUB; IBM_TDB	2004/07/19 12:01
-	5	(6,370,631 6,393,492 6,401,198 6,434,695 6,298,422).pn.	USPAT; US-PGPUB; IBM_TDB	2004/07/19 12:02
-	5	(5,671,413 5,835,760 5,836,013 5,841,953 5,951,685).pn.	USPAT; US-PGPUB; IBM_TDB	2004/07/19 12:26
-	4	((writ\$4 or cop\$6 or shadow\$4)near6 (BIOS))with (exten\$5 or expan\$4)adj (memory or storage)	USPAT; US-PGPUB; IBM_TDB	2004/07/19 12:30
-	1	((writ\$4 or cop\$6 or shadow\$4)near6 (BIOS))with (exten\$5 or expan\$4)adj (memory or storage)	EPO; JPO; DERWENT	2004/07/19 12:47
-	20008	713/\$.ccls.	USPAT; US-PGPUB; IBM_TDB	2004/07/19 12:47
-	9653	713/\$.ccls. and (initializ\$7 or power\$on or reset)	USPAT; US-PGPUB; IBM_TDB	2004/07/19 13:09
-	285	(713/\$.ccls. and (initializ\$7 or power\$on or reset)) and ((optimiz\$6 or conserv\$7)near4 (memory or storage or resources))	USPAT; US-PGPUB; IBM_TDB	2004/07/19 13:08
-	68	((713/\$.ccls. and (initializ\$7 or power\$on or reset)) and ((optimiz\$6 or conserv\$7)near4 (memory or storage or resources))) and ((exten\$6 or expan\$7)near4 (memory or storage or resources))	USPAT; US-PGPUB; IBM_TDB	2004/07/19 12:50
-	53	((713/\$.ccls. and (initializ\$7 or power\$on or reset)) and ((optimiz\$6 or conserv\$7)near4 (memory or storage or resources))) and ((exten\$6 or expan\$7)near4 (memory or storage or resources))) and (bios or rom)	USPAT; US-PGPUB; IBM_TDB	2004/07/19 12:51
-	18	((713/\$.ccls. and (initializ\$7 or power\$on or reset)) and ((optimiz\$6 or conserv\$7)near4 (memory or storage or resources))) and ((exten\$6 or expan\$7)near4 (memory or storage or resources))) and (bios)	USPAT; US-PGPUB; IBM_TDB	2004/07/19 12:57

-	16	((writ\$4 or cop\$4 or shadow\$4 or duplicat\$4)near3 (BIOS or boot\$4))with (extended or expan\$7)) same (conventional or ram)	USPAT; US-PGPUB; IBM_TDB	2004/07/19 12:59
-	52	((writ\$4 or cop\$4 or shadow\$4 or duplicat\$4)near3 (BIOS or boot\$4))with (extended or expan\$7)	USPAT; US-PGPUB; IBM_TDB	2004/07/19 13:05
-	18204	((optimiz\$6 or conserv\$7)near4 (memory or storage or resources))	USPAT; US-PGPUB; IBM_TDB	2004/07/19 13:09
-	370	((optimiz\$6 or conserv\$7)near4 (memory or storage or resources))) same (initializ\$7 or power\$on or reset)	USPAT; US-PGPUB; IBM_TDB	2004/07/19 13:09
-	95	((optimiz\$6 or conserv\$7)near4 (memory or storage or resources))) with (initializ\$7 or power\$on or reset)	USPAT; US-PGPUB; IBM_TDB	2004/07/19 13:10
-	1	((optimiz\$6 or conserv\$7)near4 (memory or storage or resources))) with (initializ\$7 or power\$on or reset)) and(extended adj2 (storage or memory))	USPAT; US-PGPUB; IBM_TDB	2004/07/19 13:11
-	3	((optimiz\$6 or conserv\$7)near4 (memory or storage or resources))) with (initializ\$7 or power\$on or reset)) and ((exten47 or expan\$7) adj2 (storage or memory))	USPAT; US-PGPUB; IBM_TDB	2004/07/19 13:12
-	10635	(extended or expanded)adj3 (memory or storage)	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:24
-	783	((extended or expanded)adj3 (memory or storage)) and ((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:30
-	335	((extended or expanded)adj3 (memory or storage)) and ((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))same (conventional or RAM or rom or prom))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:30
-	3	((extended or expanded)adj3 (memory or storage)) and ((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))same ((extended or expanded)adj3 (memory or storage))) and (((delet\$4 or remov\$4 or eras\$4 or scratch\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))same ((conventional or RAM or rom or prom)))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:31
-	62	((extended or expanded)adj3 (memory or storage)) and (((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))same ((extended or expanded)adj3 (memory or storage)))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:06
-	1	((unavailabl\$5 or incapable or capacity or ("not" adj available))near6 (conventional or dram or ram))with ((BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4)near3 (request\$4 or requir\$5))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:11
-	139	((extended or expanded)adj3 (memory or storage))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4)	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:25
-	11	((extended or expanded)adj3 (memory or storage))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4)) and ((unavailabl\$5 or incapable or capacity or ("not" adj available))near6 (conventional or dram or ram))	USPAT; US-PGPUB; IBM_TDB	2004/07/28 09:08
-	529	mahmoud.inv.	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:22

-	58	mahmoud.inv. and memory	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:16
-	3	mahmoud.inv. and ((memory or storage)near3 (conserv\$7 or optimiz\$7 or efficiently))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:19
-	3	mahmoud.inv. and (fadi)	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:22
-	378	mahmoud.inv.	EPO; JPO; DERWENT	2004/07/20 09:23
-	0	mahmoud.inv. and (fadi)	EPO; JPO; DERWENT	2004/07/20 09:23
-	48	fadi.inv.	EPO; JPO; DERWENT	2004/07/20 09:23
-	0	mahmoud.inv. and fadi.inv.	EPO; JPO; DERWENT	2004/07/20 09:24
-	250	711/\$.ccls.	EPO; JPO; DERWENT	2004/07/20 09:28
-	0	711/\$.ccls. and ((extended or expanded)adj3 (memory or storage))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:25
-	0	711/\$.ccls. and (((extended or expanded)adj3 (memory or storage))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:28
-	0	711/\$.ccls. and (((extended or expanded or alternate)adj3 (memory or storage or area))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:26
-	0	711/\$.ccls. and (((extended or expanded or alternate or expan\$7)adj3 (memory or storage or area))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:29
-	97	710/\$.ccls.	EPO; JPO; DERWENT	2004/07/20 09:28
-	21322	711/\$.ccls.	USPAT; US-PGPUB; IBM_TDB	2004/07/20 10:35
-	45	711/\$.ccls. and (((extended or expanded)adj3 (memory or storage))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 10:35
-	91	711/\$.ccls. and (((extended or expanded or alternate or expan\$7)adj3 (memory or storage or area))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:29
-	60	(711/\$.ccls. and (((extended or expanded or alternate or expan\$7)adj3 (memory or storage or area))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))) and ((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:35
-	4	((711/\$.ccls. and (((extended or expanded or alternate or expan\$7)adj3 (memory or storage or area))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))) and ((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))) and (((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))same (conventional or RAM or rom or prom))) and (((delet\$4 or remov\$4 or eras\$4 or scratch\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))same ((conventional or RAM or rom or prom)))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:31

-	60	(711/\$.ccls. and (((extended or expanded or alternate or expan\$7)adj3 (memory or storage or area))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))) and ((writ\$4 or sav\$4 or stor\$4 or cop\$5 or uncompress\$6)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4)))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:42
-	6	((711/\$.ccls. and (((extended or expanded or alternate or expan\$7)adj3 (memory or storage or area))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))) and ((writ\$4 or sav\$4 or stor\$4 or cop\$5 or uncompress\$6)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))) and ((unavailabl\$5 or incapable or capacity or ("not" adj available))near6 (conventional or dram or ram))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 09:37
-	39	((711/\$.ccls. and (((extended or expanded or alternate or expan\$7)adj3 (memory or storage or area))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))) and ((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))) and (((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))same (conventional or RAM or rom or prom))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 10:27
-	304	adaptec.asn.	USPAT; US-PGPUB; IBM_TDB	2004/07/20 10:27
-	1	adaptec.asn. and (extended adj memory)	USPAT; US-PGPUB; IBM_TDB	2004/07/20 10:28
-	48	adaptec.asn. and (bios)	USPAT; US-PGPUB; IBM_TDB	2004/07/20 10:28
-	30	(adaptec.asn. and (bios)) and (image)	USPAT; US-PGPUB; IBM_TDB	2004/07/20 10:28
-	10258	712/\$.ccls.	USPAT; US-PGPUB; IBM_TDB	2004/07/20 10:36
-	7	712/\$.ccls. and (((extended or expanded)adj3 (memory or storage))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))	USPAT; US-PGPUB; IBM_TDB	2004/07/20 10:36
-	27738	714/\$.ccls.	USPAT; US-PGPUB; IBM_TDB	2004/07/20 10:36
-	20	714/\$.ccls. and (((extended or expanded)adj3 (memory or storage))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 08:22
-	9	((mov\$4 or migrat\$4 or transfer\$4 or cop\$5)near5 (bios or (initiali\$7 adj (program or code or data))))with ((extended or expand\$4 or exten\$6)near3 (storage or memory))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:06
-	1690	((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (initializ\$6 or boot\$6 or power\$on or reset or configur\$7)	USPAT; US-PGPUB; IBM_TDB	2004/07/28 09:16
-	96	((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) with computer	USPAT; US-PGPUB; IBM_TDB	2004/07/28 09:15
-	99	((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) with (notebook or laptop or computer or pc)	USPAT; US-PGPUB; IBM_TDB	2004/07/28 09:16

-	1702	((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)	USPAT; US-PGPUB; IBM_TDB	2004/07/28 09:28
-	99	((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) with (notebook or laptop or computer or pc)	USPAT; US-PGPUB; IBM_TDB	2004/07/28 09:24
-	1603	((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) and (amount or size or capacity or capabl\$4)	USPAT; US-PGPUB; IBM_TDB	2004/07/28 09:18
-	97	((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) with (notebook or laptop or computer or pc) and (amount or size or capacity or capabl\$4)	USPAT; US-PGPUB; IBM_TDB	2004/07/28 09:18
-	11	((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) with (notebook or laptop or computer or pc) and ((amount or size or capacity or capabl\$4)near4 (conventional or ram))	USPAT; US-PGPUB; IBM_TDB	2004/07/28 09:18
-	11	((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) with (notebook or laptop or computer or pc) and (amount or size or capacity or capabl\$4) and ((amount or size or capacity or capabl\$4)near4 (conventional or ram))	USPAT; US-PGPUB; IBM_TDB	2004/07/28 09:29
-	979	((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) and (amount or size or capacity or capabl\$4) and (notebook or laptop or computer or pc)	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:01
-	4	((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) and (amount or size or capacity or capabl\$4) and (notebook or laptop or computer or pc) and ((accomodat\$5 or fit or (enough adj2 (size or capacity)))near4 (uncompre\$4 or enlarg\$4 or expand\$4))	USPAT; US-PGPUB; IBM_TDB	2004/07/28 09:30
-	199	((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)	EPO; JPO; DERWENT	2004/07/28 09:28
-	2	((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) and ((amount or size or capacity or capabl\$4)near4 (conventional or ram))	EPO; JPO; DERWENT	2004/07/28 09:29
-	0	((accomodat\$5 or fit or (enough adj2 (size or capacity))) near6 (uncompre\$4 or enlarg\$4 or decompress\$4 or expand\$4)) with (optional adj (ROM or eprom or eeprom or flash or memory))	USPAT; US-PGPUB; IBM_TDB	2004/07/28 09:35
-	0	((accomodat\$5 or fit or (enough adj2 (size or capacity))) with (uncompre\$4 or enlarg\$4 or decompress\$4 or expand\$4)) same (optional adj (ROM or eprom or eeprom or flash or memory))	USPAT; US-PGPUB; IBM_TDB	2004/07/28 09:35

-	12	((accomodat\$5 or fit or (enough adj2 (size or capacity))) with (uncompre\$4 or enlarg\$4 or decompress\$4 or expand\$4)) and (optional adj (ROM or eprom or eeprom or flash or memory))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:06
-	2	((mov\$4 or migrat\$4 or transfer\$4 or cop\$5)near5 (bios or (initiali\$7 adj (program or code or data)))with ((extended or expand\$4 or exten\$6)near3 (storage or memory))	EPO; JPO; DERWENT	2004/07/28 09:53
-	712	(decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((stor\$4 or locat\$4 or sav\$4)adj4 (rom or flash or eeprom or prom or eprom))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 09:54
-	302	((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((stor\$4 or locat\$4 or sav\$4)adj4 (rom or flash or eeprom or prom or eprom))) same (conventional or DRAM or ram)	USPAT; US-PGPUB; IBM_TDB	2004/07/29 08:26
-	0	((((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((stor\$4 or locat\$4 or sav\$4)adj4 (rom or flash or eeprom or prom or eprom))) same (conventional or DRAM or ram)) same (extended adj3 (memory or storage or location\$1))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 09:38
-	2	((((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((stor\$4 or locat\$4 or sav\$4)adj4 (rom or flash or eeprom or prom or eprom))) same (conventional or DRAM or ram)) and (extended adj3 (memory or storage or location\$1))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 08:30
-	21	((((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((stor\$4 or locat\$4 or sav\$4)adj4 (rom or flash or eeprom or prom or eprom))) same (conventional or DRAM or ram)) same (bios or (intiali\$6 adj3 (program or code or data or software))or (application adj3 (software or code or program)))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 09:54
-	46	((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((stor\$4 or locat\$4 or sav\$4)adj4 (rom or flash or eeprom or prom or eprom))) same (bios or (intiali\$6 adj3 (program or code or data or software))or (application adj3 (software or code or program)))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 09:34
-	33560	((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram)	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:00
-	34	((((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram)) same (extended adj3 (memory or storage or location\$1))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 09:38
-	0	(((((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram)) same (extended adj3 (memory or storage or location\$1))) and ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((image or compressed)adj4 (rom or flash or eeprom or prom or eprom)))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:00

-	0	((((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram)) and ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((image or compressed)adj4 (rom or flash or eeprom or prom or eprom)))) and (extended adj3 (memory or storage or location\$1))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:08
-	20	((((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram)) and ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((image or compressed)adj4 (rom or flash or eeprom or prom or eprom))))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:01
-	245	(decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((stor\$4 or locat\$4 or sav\$4)adj4 (rom or flash or eeprom or prom or eprom))	EPO; JPO; DERWENT	2004/07/29 09:54
-	12	((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((stor\$4 or locat\$4 or sav\$4)adj4 (rom or flash or eeprom or prom or eprom))) and (bios or (intiali\$6 adj3 (program or code or data or software))or (application adj3 (software or code or program)))	EPO; JPO; DERWENT	2004/07/29 09:55
-	12458	((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram)	EPO; JPO; DERWENT	2004/07/29 10:26
-	1	((((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram)) and ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((image or compressed)adj4 (rom or flash or eeprom or prom or eprom))))	EPO; JPO; DERWENT	2004/07/29 10:01
-	1	((((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram)) and ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((image or compressed)adj4 (rom or flash or eeprom or prom or eprom))))	EPO; JPO; DERWENT	2004/07/29 10:01
-	12	((((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) and (amount or size or capacity or capabl\$4)) and (notebook or laptop or computer or pc)	EPO; JPO; DERWENT	2004/07/29 10:01
-	0	((accomodat\$5 or fit or (enough adj2 (size or capacity))) with (uncompre\$4 or enlarg\$4 or decompress\$4 or expand\$4)) and (optional adj (ROM or eprom or eeprom or flash or memory))	EPO; JPO; DERWENT	2004/07/29 10:07
-	2	((mov\$4 or migrat\$4 or transfer\$4 or cop\$5)near5 (bios or (initiali\$7 adj (program or code or data))))with ((extended or expand\$4 or exten\$6)near3 (storage or memory))	EPO; JPO; DERWENT	2004/07/29 10:07
-	4978	((accomodat\$5 or fit or (enough adj2 (size or capacity))) with (uncompre\$4 or enlarg\$4 or decompress\$4 or expand\$4))	EPO; JPO; DERWENT	2004/07/29 10:07

-	2	((accomodat\$5 or fit or (enough adj2 (size or capacity))) with (uncompre\$4 or enlarg\$4 or decompress\$4 or expand\$4))) and (extended adj3 (memory or storage or location\$1))	EPO; JPO; DERWENT	2004/07/29 10:08
-	237	(selecti\$5 or adapt\$6) near6 ((extended or exten\$6 or expan\$6)adj3 (memory or storage or location\$1))	EPO; JPO; DERWENT	2004/07/29 10:11
-	0	((selecti\$5 or adapt\$6) near6 ((extended or exten\$6 or expan\$6)adj3 (memory or storage or location\$1))) same ((insufficient or small or less)adj5 (storage or capacity or area))	EPO; JPO; DERWENT	2004/07/29 10:11
-	1	((selecti\$5 or adapt\$6) near6 ((extended or exten\$6 or expan\$6)adj3 (memory or storage or location\$1))) and ((insufficient or small or less)adj5 (storage or capacity or area))	EPO; JPO; DERWENT	2004/07/29 10:11
-	2	(selecti\$5 or adapt\$6) near6 ((extended or exten\$6 or expan\$6)adj3 (memory or storage or location\$1))with ((compressed or compact\$4 or zip\$4 or reduced)adj5 (image or bios or (program adj(code or software or intiali\$7))))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:18
-	6	(selecti\$5 or adapt\$6) near6 ((extended or exten\$6 or expan\$6)adj3 (memory or storage or location\$1))same (insufficient or incapable or overflow or ("not" adj enough))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:16
-	4	(selecti\$5 or adapt\$6) near6 ((extended or exten\$6 or expan\$6)adj3 (memory or storage or location\$1))same ((compressed or compact\$4 or zip\$4 or reduced)adj5 (image or bios or (program adj(code or software or intiali\$7))))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:17
-	0	adatec.asn.	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:18
-	307	adaptec.asn.	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:18
-	5	adaptec.asn. and (exten\$5 adj (memory or storage))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:24
-	6	adaptec.asn. and (optimiz\$6 near4 (memory or storage))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:21
-	2	adaptec.asn. and (optimiz\$6 near4 (resources))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:22
-	74398	(optimiz\$6 or efficient\$4) with ((memory or storage) near\$3 resources)	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:23
-	6954	((optimiz\$6 or efficient\$4) with ((memory or storage) near\$3 resources)) same (bios or initiali\$7 or power\$on or configur\$7)	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:24
-	3018	((optimiz\$6 or efficient\$4) with ((memory or storage) near\$3 resources)) with (bios or initiali\$7 or power\$on or configur\$7)	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:24
-	7	((optimiz\$6 or efficient\$4) with ((memory or storage) near\$3 resources)) with (bios or initiali\$7 or power\$on or configur\$7)) same (exten\$5 adj (memory or storage))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:26
-	89	((optimiz\$6 or efficient\$4) with ((memory or storage) near\$3 resources)) with (bios or initiali\$7 or power\$on or configur\$7)) and (exten\$5 adj (memory or storage))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:26

-	18	((((optimiz\$6 or efficient\$4) with (memory or storage) near\$3 resources)) with (bios or initiali\$7 or power\$on or configur\$7)) and (exten\$5 adj (memory or storage))) and (((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 11:49
-	39552	memory near3 (allocator or configur\$6)	USPAT; US-PGPUB; IBM_TDB	2004/07/29 11:50
-	2220	(memory near3 (allocator or configur\$6)) with (bios or initiali\$6 or image)	USPAT; US-PGPUB; IBM_TDB	2004/07/29 11:59
-	146	((memory near3 (allocator or configur\$6)) with (bios or initiali\$6 or image)) and (((check\$4 or determin\$6 or detect\$4 or validat\$4 or verif\$6)near5 (capacity or storage or space or area or size))same (conventional or ram or dram))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 11:53
-	4	((memory near3 (allocator or configur\$6)) with (bios or initiali\$6 or image)) and (((check\$4 or determin\$6 or detect\$4 or validat\$4 or verif\$6)near5 (capacity or storage or space or area or size))same (conventional or ram or dram))) and ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((image or compressed)with (rom or flash or eeprom or prom or eprom)))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 11:59
-	495	((expansion or adapter)near3 card)with (rom or eeprom or prom)	USPAT; US-PGPUB; IBM_TDB	2004/07/29 11:59
-	13	((expansion or adapter)near3 card)with (rom or eeprom or prom)) and ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((image or compressed)with (rom or flash or eeprom or prom or eprom)))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 12:00
-	142	((expansion or adapter)near3 card)with (rom or eeprom or prom)) same (bios or initiali\$6 or image)	USPAT; US-PGPUB; IBM_TDB	2004/07/29 12:00
-	12	((expansion or adapter)near3 card)with (rom or eeprom or prom)) same (bios or initiali\$6 or image)) and ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((image or compressed)with (rom or flash or eeprom or prom or eprom)))	USPAT; US-PGPUB; IBM_TDB	2004/07/29 12:00